

	Document ID	Issue Date	Pages	Title	Current OR	Current XRef
1	US 20060034387 A1	20060216	22	Method and system for utilizing space-time overlays for convolutionally coded systems	375/267	
2	US 20060023636 A1	20060202	22	Detector and method for estimating data probability in a multi-channel receiver	370/252	370/338
3	US 20060018410 A1	20060126	24	Multimode detection	375/340	
4	US 20050268202 A1	20051201	10	Quasi-block diagonal low-density parity-check code for MIMO systems	714/752	
5	US 20050265465 A1	20051201	13	MIMO decoding	375/260	375/267; 375/347
6	US 20050256613 A1	20051117	51	Active control vibration isolation using dynamic manifold	700/280	
7	US 20050226344 A1	20051013	8	I/Q MIMO detection for single antenna interference cancellation	375/267	
8	US 20050226313 A1	20051013	14	Method for transmitting optimally diversified information in a MIMO telecommunication system	375/146	
9	US 20050201478 A1	20050915	16	Modulation in a mobile telecommunications system	375/261	375/267
10	US 20050190868 A1	20050901	23	Iterative channel and interference estimation and decoding	375/346	
11	US 20050190849 A1	20050901	20	Communications system, method and device	375/267	
12	US 20050180493 A1	20050818	10	Chip-level or symbol-level equalizer structure for multiple transmit and receiver antenna configurations	375/148	375/150
13	US 20050176436 A1	20050811	19	Channel estimation for a wireless communication system with multiple parallel data streams	455/450	

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14	US 20050175122 A1	20050811	30	Signal detection using sphere decoding technique	375/323	
15	US 20050157811 A1	20050721	26	Iterative detection and decoding for a MIMO-OFDM system	375/267	375/295
16	US 20050135498 A1	20050623	26	Signal decoding methods and apparatus	375/267	
17	US 20050111592 A1	20050526	21	Signal decoding methods and apparatus	375/341	714/795
18	US 20050111564 A1	20050526	20	Nonsystematic repeat-accumulate codes for encoding and decoding information in a communication system	375/265	
19	US 20050094742 A1	20050505	21	Signal decoding methods and apparatus	375/267	
20	US 20050078764 A1	20050414	10	Method for transmitting optimally interleaved data in a MIMO telecommunication system	375/267	
21	US 20050068918 A1	20050331	40	Hierarchical coding with multiple antennas in a wireless communication system	370/328	370/204
22	US 20050052991 A1	20050310	28	Incremental redundancy transmission in a MIMO communication system	370/216	370/329
23	US 20050013352 A1	20050120	19	Method and controller for controlling communication resources	375/219	
24	US 20050003828 A1	20050106	31	System and method for locating wireless devices in an unsynchronized wireless environment	455/456.1	455/422.1
25	US 20040242179 A1	20041202	18	Iterative detection in mimo systems	455/296	455/226.1

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26	US 20040219883 A1	20041104	41	Quality determination for a wireless communications link	455/67.1 1	455/423; 455/63.1; 455/67.1 3
27	US 20040174939 A1	20040909	21	Near-optimal multiple-input multiple-output (MIMO) channel detection via sequential Monte Carlo	375/316	375/346
28	US 20040170233 A1	20040902	16	Symbol normalization in MIMO systems	375/340	
29	US 20040165675 A1	20040826	13	Iterative soft interference cancellation and filtering for spectrally efficient high-speed transmission in MIMO systems	375/267	375/349
30	US 20040120274 A1	20040624	46	CDMA transceiver techniques for wireless communications	370/320	370/310
31	US 20040102198 A1	20040527	26	System and method for locating sources of unknown wireless radio signals	455/456. 1	
32	US 20040095907 A1	20040520	98	Method and apparatus for optimization of wireless multipoint electromagnetic communication networks	370/334	370/400
33	US 20040083082 A1	20040429	15	Iterative detection in MIMO systems	703/2	
34	US 20040001564 A1	20040101	15	Reduced complexity receiver for space-time- bit-interleaved coded modulation	375/341	
35	US 20040001537 A1	20040101	13	Apparatus, and associated method, for performing joint equalization in a multiple-input, multiple-output communication system	375/229	
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38	US 20030112775 A1	20030619	24	Method and apparatus for two-user joint demodulation in a system having transmit diversity	370/335	370/478
39	US 20030103584 A1	20030605	28	Iterative detection and decoding for a MIMO-OFDM system	375/340	
40	US 20030076890 A1	20030424	25	Method and apparatus for detection and decoding of signals received from a linear propagation channel	375/264	
41	US 20020122502 A1	20020905	28	Method and system for utilizing space-time overlays for convolutionally coded systems	375/267	375/285; 375/299; 375/347
42	US 7010054 B2	20060307	27	Method and system for utilizing space-time overlays for convolutionally coded systems	375/267	375/299; 375/346
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